

Appendix “E”

Wired Plant Compliance Report

Plant	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
15 ADS CHILE-SANTIAGO	98.61%	99.19%	99.07%	98.26%	91.11%	93.39%
24 ADS FONTANA	99.66%	99.86%	99.66%	99.86%	97.71%	99.74%
25 ADS MADERA	100.00%	100.00%	99.96%	100.00%	99.88%	100.00%
26 ADS NAPOLEON	99.48%	100.00%	99.25%	100.00%	99.40%	99.83%
27 ADS WOOSTER	99.88%	100.00%	99.94%	100.00%	99.88%	99.99%
30 ADS OWOSSO	98.79%	99.90%	98.63%	99.79%	99.28%	99.66%
32 ADS BUENA VISTA	99.68%	99.89%	99.63%	99.89%	99.73%	99.88%
33 ADS WASHOUGAL	99.73%	100.00%	99.68%	100.00%	98.73%	100.00%
34 ADS HARVARD	N/A	N/A	N/A	N/A	N/A	N/A
35 ADS PERRY	99.64%	99.48%	99.40%	99.15%	99.37%	99.17%
36 ADS LUDLOW	99.44%	99.85%	99.36%	99.78%	99.51%	99.70%
42 ADS ENNIS	99.20%	99.97%	99.24%	99.94%	98.84%	99.90%
46 ADS MENDOTA	99.63%	99.76%	99.39%	99.84%	98.87%	99.73%
47 ADS MUNCY	99.98%	99.98%	99.96%	100.00%	99.78%	99.99%
51 ADS NEW MIAMI	N/A	N/A	N/A	N/A	N/A	N/A
53 ADS CHARLOTTE	99.96%	99.93%	99.96%	99.96%	99.93%	99.96%
55 ADS JACKSON	97.97%	99.56%	98.46%	99.64%	98.46%	99.56%
58 ADS MONTICELLO	N/A	N/A	N/A	N/A	N/A	N/A
60 ADS EAGLE GROVE	99.81%	99.79%	100.00%	99.83%	99.90%	99.84%
61 ADS LIVERMORE	99.88%	99.91%	99.88%	99.87%	99.23%	99.59%
64 ADS LONDON	99.01%	99.41%	98.79%	99.46%	99.16%	99.29%
67 ADS ORLANDO	99.82%	99.88%	99.90%	99.90%	99.67%	99.81%
69 ADS SALT LAKE CITY	99.87%	99.83%	99.87%	99.83%	99.66%	99.89%
Total	99.58%	99.83%	99.56%	99.79%	99.35%	99.58%

Buena Vista

Wired Plant Compliance Report

Shift	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
1	99.86%	100.00%	99.73%	100.00%	99.68%	99.93%
2	99.31%	99.68%	99.31%	99.68%	99.66%	99.74%
3	99.86%	100.00%	99.86%	100.00%	99.84%	99.98%
Total	99.68%	99.89%	99.63%	99.89%	99.73%	99.88%

Line	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
3210 Line Type I - 4.5" extruder	99.53%	100.00%	99.53%	100.00%	99.76%	100.00%
3211 Line Type I - 4.5" extruder	N/A	99.69%	N/A	99.69%	N/A	99.65%
3220 Line Type III-4.5"&6" extruder	99.59%	99.84%	99.59%	99.84%	99.78%	99.88%
3221 Line Type III-4.5"&6" extruder	100.00%	N/A	100.00%	N/A	100.00%	N/A
3222 Line Type III-4.5"&6" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
3230 Line Type VI - 6" extruder	N/A	N/A	N/A	N/A	N/A	N/A
3231 Line Type VI - 6" extruder	N/A	N/A	N/A	N/A	N/A	N/A
3240 Line Type VI - 6" extruder	100.00%	100.00%	99.83%	100.00%	99.61%	99.95%
3241 Line Type VI - 6" extruder	N/A	N/A	N/A	N/A	N/A	N/A
Total	99.68%	99.89%	99.63%	99.89%	99.73%	99.88%

Charlotte

Wired Plant Compliance Report

Shift	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
1	100.00%	100.00%	100.00%	100.00%	99.83%	100.00%
2	99.89%	99.89%	99.89%	99.89%	99.98%	99.89%
3	100.00%	99.89%	100.00%	100.00%	99.95%	100.00%
Total	99.96%	99.93%	99.96%	99.96%	99.93%	99.96%

Line	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
5320 Line Type VI - 6" extruder	100.00%	100.00%	100.00%	100.00%	99.94%	100.00%
5330 Line Type III-4.5"&6" extruder	100.00%	99.37%	100.00%	99.69%	99.84%	99.67%
5331 Line Type III-4.5"&6" extruder	N/A	N/A	N/A	N/A	N/A	N/A
5332 Line Type III-4.5"&6" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
5340 220 Line - 4.5" extruder	100.00%	100.00%	100.00%	100.00%	99.96%	100.00%
5341 220 Line - 4.5" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
5350 1200 Drossbach Line	99.82%	100.00%	99.82%	100.00%	99.95%	100.00%
5351 1200 Drossbach Line	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5395 Fabricated Fittings	N/A	N/A	N/A	N/A	N/A	N/A
Total	99.96%	99.93%	99.96%	99.96%	99.93%	99.96%

Ludlow

Wired Plant Compliance Report

Shift	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
1	99.68%	99.93%	99.36%	99.93%	99.58%	99.76%
2	99.53%	99.85%	99.53%	99.64%	99.71%	99.51%
3	99.10%	99.78%	99.18%	99.78%	99.21%	99.84%
Total	99.44%	99.85%	99.36%	99.78%	99.51%	99.70%

Line	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
3610 Unicor TW#3 Line	99.88%	99.77%	99.88%	99.77%	99.96%	99.85%
3620 Line Type I - 4.5" extruder	99.35%	100.00%	99.35%	100.00%	99.66%	99.89%
3621 Line Type I - 4.5" extruder	N/A	100.00%	N/A	99.77%	N/A	99.80%
3630 Line Type III-4.5"&6" extruder	99.35%	99.52%	99.13%	99.28%	99.89%	99.68%
3631 Line Type III-4.5"&6" extruder	91.11%	100.00%	88.89%	100.00%	91.32%	100.00%
3632 Line Type III-4.5"&6" extruder	N/A	98.95%	N/A	98.95%	N/A	98.40%
3640 Line Type VI - 6" extruder	99.87%	100.00%	99.87%	99.87%	99.77%	99.79%
3641 Line Type VI - 6" extruder	87.50%	N/A	100.00%	N/A	100.00%	N/A
3650 Line Type VII - 6" extruder	99.33%	99.85%	99.33%	99.85%	99.35%	99.72%
3651 Line Type VII - 6" extruder	98.46%	100.00%	98.46%	100.00%	94.90%	98.18%
3660 Injection Molding Line	N/A	N/A	N/A	N/A	N/A	N/A
3670 1200 Drossbach Line	99.71%	100.00%	99.14%	100.00%	99.54%	99.62%
3671 1200 Drossbach Line	97.22%	100.00%	97.22%	100.00%	97.10%	100.00%
3695 Fabricated Fittings	N/A	N/A	N/A	N/A	N/A	N/A
Total	99.44%	99.85%	99.36%	99.78%	99.51%	99.70%

Muncy

Wired Plant Compliance Report

Shift	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
1	100.00%	99.93%	99.87%	100.00%	99.63%	100.00%
2	99.93%	100.00%	100.00%	100.00%	99.89%	100.00%
3	100.00%	100.00%	100.00%	100.00%	99.80%	99.98%
Total	99.98%	99.98%	99.96%	100.00%	99.78%	99.99%

Line	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
4710 Line Type III-4.5"&6" extruder	100.00%	99.82%	100.00%	100.00%	99.86%	100.00%
4711 Line Type III-4.5"&6" extruder	N/A	N/A	N/A	N/A	N/A	N/A
4712 Line Type III-4.5"&6" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
4720 Line Type IV - 6" extruder	100.00%	100.00%	100.00%	100.00%	99.96%	100.00%
4721 Line Type IV - 6" extruder	N/A	N/A	N/A	N/A	N/A	N/A
4730 ADS Long Line - 6" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
4731 ADS Long Line - 6" extruder	100.00%	100.00%	100.00%	100.00%	99.79%	100.00%
4750 Honey Comb N12 Line	N/A	N/A	N/A	N/A	N/A	N/A
4751 Honey Comb N12 Line	N/A	N/A	N/A	N/A	N/A	N/A
4760 1800 Drossbach Line	100.00%	100.00%	100.00%	100.00%	99.69%	100.00%
4770 Line Type VII - 6" extruder	100.00%	100.00%	100.00%	100.00%	99.70%	100.00%
4780 Line Type VI - 6" extruder	99.88%	100.00%	99.75%	100.00%	99.70%	99.97%
4795 Fabricated Fittings	N/A	N/A	N/A	N/A	N/A	N/A
Total	99.98%	99.98%	99.96%	100.00%	99.78%	99.99%

Wooster

Wired Plant Compliance Report

Shift	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2	99.83%	100.00%	100.00%	100.00%	99.98%	100.00%
3	99.82%	100.00%	99.82%	100.00%	99.64%	99.97%
Total	99.88%	100.00%	99.94%	100.00%	99.88%	99.99%

Line	Resin		Process		Quality	
	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat	01/01/2004 Thu 12/31/2004 Fri	01/01/2005 Sat 12/31/2005 Sat
2710 Line Type III-4.5"&6" extruder	99.75%	100.00%	99.87%	100.00%	99.80%	100.00%
2711 Line Type III-4.5"&6" extruder	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2712 Line Type III-4.5"&6" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
2720 Line Type I - 4.5" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
2721 Line Type IV - 6" extruder	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2722 220 Line - 4.5" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
2730 Line Type VII - 6" extruder	N/A	100.00%	N/A	100.00%	N/A	100.00%
2740 Line Type VII - 6" extruder	100.00%	100.00%	100.00%	100.00%	99.93%	99.98%
2741 Line Type VI - 6" extruder	N/A	N/A	N/A	N/A	N/A	N/A
Total	99.88%	100.00%	99.94%	100.00%	99.88%	99.99%

ADVANCED DRAINAGE SYSTEMS INC.
PLANT QUALITY AUDIT REPORTS

PLANT: _____ DATE: _____

AUDITOR(S): _____

PRODUCT QUALITY EQUIPMENT AUDIT FORMS

Plant Quality Equipment Audit

Plant Quality Procedural Audit

PRODUCT QUALITY PROCEDURAL AUDIT FORMS

Annular N-12 Procedural Audit Form

Singlewall Procedural Audit Form

Triplewall Procedural Audit Form

PRODUCT QUALITY AUDIT FORMS

<u>4" N-12</u>	<u>24" N-12</u>	<u>3" Singlewall</u>	<u>3" Triplewall</u>
<u>6" N-12</u>	<u>30" N-12</u>	<u>4" Singlewall</u>	<u>4" Triplewall</u>
<u>8" N-12</u>	<u>36" N-12</u>	<u>5" Singlewall</u>	
<u>10" N-12</u>	<u>42" N-12</u>	<u>6" Singlewall</u>	
<u>12" N-12</u>	<u>48" N-12</u>	<u>8" Singlewall</u>	
<u>15" N-12</u>	<u>60" N-12</u>	<u>10" Singlewall</u>	
<u>18" N-12</u>		<u>12" Singlewall</u>	
		<u>15" Singlewall</u>	
		<u>18" Singlewall</u>	
		<u>24" Singlewall</u>	

PLANT QUALITY AUDIT SUMMARY

Plant Quality Audit Summary



**ADVANCED DRAINAGE SYSTEMS INC.
PRODUCT QUALITY EQUIPMENT AUDIT**

DESCRIPTION	AVAILABLE		GAUGE #	CALIBRATED		CONDITION	COMMENTS
	YES	NO		YES	NO		
Digital Scale Unit #1							
Unit #2							
Micrometer							
Ultrasonic Thickness Gauge							
Venier Calipers Small							
Large							
Slot Gauge							
Pi Tape Small							
Large							
Tape Measure (20')							
Roughness Gauge							
Impact Tester Small							
Large							
Freezer							
Resin Board							
Burn-off Oven							
Balance Scale							
Aluminum Tins							
Tongs							
Digital Pyrometer							
Sample Board							



ADVANCED DRAINAGE SYSTEMS INC.
PRODUCT QUALITY PROCEDURAL AUDIT
SINGLEWALL PIPE

ATTRIBUTE	COMMENTS
Wired Plant Quality Compliance	
Wired Plant Resin Compliance	
Wired Plant Process Compliance	
Product Weight	
Material Distribution	
Perforations	
Brittleness / Impact	
Pipe Length	
Appearance	
Carbon Evaluations	
Comments: _____	
Verify previous month's pipe submissions meet requirements? _____	
YES NO	



ADVANCED DRAINAGE SYSTEMS INC.
PRODUCT QUALITY PROCEDURAL AUDIT
ANNULAR N-12 PIPE

ATTRIBUTE	COMMENTS
Wired Plant Quality Compliance	
Wired Plant Resin Compliance	
Wired Plant Process Compliance	
Product Weight	
Material Distribution	
Crown / Crown Variation	
Outside Diameter	
Perforations	
Brittleness / Impact	
Pipe Length	
Encoding / Marking	
Bell / Spigot	
Carbon Evaluations	
Comments: _____	

Verify previous month's pipe submissions meet requirements? <input type="checkbox"/> YES <input type="checkbox"/> NO	



ADVANCED DRAINAGE SYSTEMS INC.
PLANT QUALITY PROCEDURAL AUDIT

PLANT QUALITY INSPECTION PROCEDURES

Comments: _____

Destructive Sample Evaluation (with ball mic / through crown)?		
Hourly checks being entered into Wired Plant as conducted?		
	Yes	No

PLANT QUALITY INSPECTION REPORTS

Comments: _____

Quality Manual up to date?		
Calibration Book up to date?		
	Yes	No

SHIPPING AND HANDLING PROCEDURES

Comments: _____



**ADVANCED DRAINAGE SYSTEMS INC.
PLANT QUALITY PROCEDURAL AUDIT**

CERTIFICATION LETTERS

Comments: _____

STOCK LOT PROCEDURES AND RECORDS

Comments: _____

QUALITY COMPLAINT FORMS

Comments: _____



ADVANCED DRAINAGE SYSTEMS INC.
PRODUCT QUALITY AUDIT
4" SINGLEWALL PIPE

ATTRIBUTE	COMMENTS
Appearance / Blow Rating	
Mold Seams / Flash	
Bullet Drag / Waterspray	
Perforations Slots / Circular	
End Cuts / Damage	
Pipe Lengths	
Engraved / Encoder Molds	
Production Tags	
Green Stripe	
Storage Handling	
Comments: _____	



ADVANCED DRAINAGE SYSTEMS INC.
PRODUCT QUALITY AUDIT
12" SINGLEWALL PIPE

ATTRIBUTE	COMMENTS
Appearance / Blow Rating	
Mold Seams / Flash	
Bullet Drag / Waterspray	
Perforations Slots / Circular	
End Cuts / Damage	
Pipe Lengths	
Engraved / Encoder Molds	
Production Tags	
Green Stripe	
Storage Handling	
Comments: _____	



ADVANCED DRAINAGE SYSTEMS INC.
PRODUCT QUALITY AUDIT
4" ANNULAR N-12 PIPE

ATTRIBUTE	COMMENTS
Appearance	
Mold Seams / Flash	
Bullet Alignment	
Green Stripe	
Perforations	
End Cuts / Damage	
Interior Roughness	
Pipe Lengths	
Engraved / Encoder Molds Correct Spacing	
Production Tags	
"ST" InlineBell Bell Flare Length Bell De-Burred	
"WT" InlineBell Bell Flare Length Bell De-Burred Pre-Preg Placement	
Storage Handling	
Comments: _____	



ADVANCED DRAINAGE SYSTEMS INC.
PRODUCT QUALITY AUDIT
12" ANNULAR N-12 PIPE

ATTRIBUTE	COMMENTS
Appearance	
Mold Seams / Flash	
Bullet Alignment	
Green Stripe	
Perforations	
End Cuts / Damage	
Interior Roughness	
Pipe Lengths	
Engraved / Encoder Molds Correct Spacing	
Production Tags	
"ST" InlineBell Bell Flare Length Bell De-Burred	
"WT" InlineBell Bell Flare Length Bell De-Burred Pre-Preg Placement	
Storage Handling	
Comments: _____	



PLANT QUALITY AUDIT SUMMARY

Plant: _____

Date: _____

Singlewall Pipe Summary:

Dualwall Pipe Summary:

Triplewall Pipe Summary:

Insert Wired Plant Compliance summary for the last year.